

# Fuelling the future



# Rather than burying your waste in landfill for future generations to face, you can recover its potential energy today through SUEZ-ResourceCo and help protect our planet for tomorrow.

## **SUEZ-ResourceCo delivers smart environmental solutions**

Our philosophy is simple. Discarded materials are not waste but a resource that together, we can recover and transform into practical products. Reusing and recycling materials conserves our country's finite natural resources, provides jobs and helps to protect the environment.

## **Why partner with SUEZ ResourceCo?**

Partnering with SUEZ-ResourceCo enables your business to show responsible environmental management, meet waste reduction targets and boost your green credentials with your customers and local community.

Suitable materials for recycling come from diverse sources. These include manufacturing, health care, retail, government and education facilities, and every stage of commercial and domestic demolition and building projects.

By directing unused materials to SUEZ-ResourceCo, your business can reduce waste sent to landfill and help to create a product that lessens Australia's dependence on non-renewable fossil fuels.

## **Fuelling the future**

SUEZ-ResourceCo is a recognised Australian leader in the development of alternative fuels made from recovered resources.

We manufacture process engineered fuel (PEF) from commercial and industrial, and construction and demolition materials. These typically include but are not limited to timber, metals, plastics, cardboard, paper and bedding, plus some concrete, bricks and rubble.

Our Wingfield plant sorts and separates all incoming materials. We recover any non-recyclables such as aggregates for further processing by ResourceCo for re-use in the civil construction industry as an alternative to quarried products. We then use the prime combustible materials to produce PEF. Our advanced facility can convert up to 240,000 tonnes of raw material waste into 120,000 tonnes of eco-friendly fuel each year.

In total, we recycle or re-use 95% of all incoming materials that would otherwise be disposed of to landfill.

Put simply, diverting waste from landfill makes environmental sense!

## **DID YOU KNOW?**

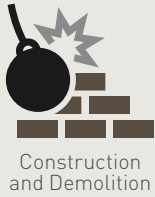
About 1000 houses are demolished in Adelaide each year and the level of urban regeneration means this is likely to increase. Each average sized house demolished produces about 150-250 tonnes of waste. Furthermore, about 4 tonnes of waste is generated during the construction of an average sized house.\*

At SUEZ-ResourceCo, we recover these resources and divert them from landfill.

\* Zero Waste SA n.d., Construction and demolition materials, Fact sheet, Government of South Australia, Web.



Our service provides a point of difference for you and your customers.



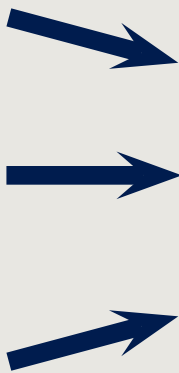
Construction and Demolition



Commercial and Industrial



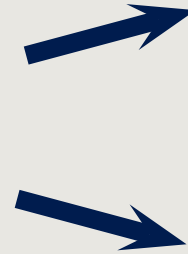
Hard Waste



**SUEZ-RESOURCECO**  
ALTERNATIVE FUELS



95% Recovered Products



5% Landfill

### Benefiting local industry and the economy

Our clean-burning PEF has significant calorific value and is used by Adelaide Brighton Cement to reduce gas consumption in their cement kiln at Birkenhead, South Australia. PEF is a viable alternative to fossil fuels and improves environmental outcomes by reducing greenhouse gas production per tonne of cement produced.

The SUEZ-ResourceCo facility in South Australia is contracted to supply PEF to Adelaide Brighton Cement, reducing their natural gas usage by around 30 million cubic metres annually.

In addition, our alternative fuel complies with the requirements of the Australian Government's Clean Energy Regulator under the Emissions Reduction Fund.

We can guarantee that our customers' waste is diverted from landfill, in turn reducing harmful greenhouse gas emissions, notably methane, which contributes significantly to global warming.



### Want to know more?

Partnering with SUEZ-ResourceCo benefits business, industry, the economy and our environment.

To find out more about working with us towards a zero waste future, please contact a member of our team.



Your partner towards a zero waste company.



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ALTERNATIVE FUELS

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